

## THE ORBIT OF COMET 1886 (FINLAY).

BY W. H. FINLAY, M.A., F.R.A.S.

[READ 24TH NOVEMBER, 1886.]

I discovered this comet on the evening of September 26. After computing several parabolic orbits which failed to satisfy further observations, I calculated the following elliptic elements from my observations on September 29, October 10 and October 21.

|          |   |                  |                 |              |                             |
|----------|---|------------------|-----------------|--------------|-----------------------------|
| $T$      | = | Nov.             | $21^{\text{d}}$ | $\cdot 6056$ | Greenwich mean time.        |
| $\pi$    |   | $10^{\circ}$     | $46'$           | $18''$       | } Ecliptic and mean Equinon |
| $\Omega$ |   | $53$             | $38$            | $14$         | } 1886 $\cdot$ 0.           |
| $i$      |   | $2$              | $57$            | $0$          |                             |
| $\log a$ |   | $0\cdot 485900$  |                 |              |                             |
| $\log e$ |   | $9\cdot 835091$  |                 |              |                             |
| $\mu$    |   | $662''\cdot 456$ |                 |              |                             |
| Period   |   | $1956$ days.     |                 |              |                             |

It is not improbable that the Comet is identical with the first of 1844, the "lost de-Vico."